

# Multi purpose processing machine

**Innovator**

Mr. Dharamveer, Yamuna Nagar, Haryana

- The machine is capable of processing various herbs like juice and gel of aloe vera, juice of amla, jamun, mango, tomato, orange, etc.
- Pulp of fruits is fed to machine for juice extraction
- The cylindrical vessel is surrounded by jacket of castor oil for uniformly distribution of heat.
- The motor speed is 1440 rpm, the rotor/centrifuge speed is 360 rpm
- The electricity consumption is about 1.5 units per hour
- The machine doesn't require foundation for installation
- The innovator provides after sell service

## Earlier version

- The weight of machine is 125 kg
- The feeding rate is 150 kg/h

## Domestic version

- The weight of machine is about 40 kg
- The feeding rate is 40 kg/h

**Challenge:** The domestic version needs optimization in terms of material selection, aesthetic design, and quality control of produces

